Record Group 104. Entry 28.

Assay of Alloy. 1866-1867.

Digitized October 18, 2023, Philadelphia, Pennsylvania.
Box 8, Book 3, for 1866-67.

Note: Lightly printed and written text may be difficult to read in scanned version. Hidden words might be visible on the original pages. Larger (18+ inch) documents are scanned in multiple parts. Correspondence organization is presented as stored and is not always in chronological order.

RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia

Operating Records

Records of the Assays

ASSAY WORKBOOKS, 1795-1905

Box 08 NC-152 Entry 28

1864

2 doz like this

2 doz 4 sheet books

1866

Assay of Alloy for the Five cent Coin Weight 4 gram

July 2d 14 Melts 535. 548

1st Determination

1345 Silex & Iron 63

2d 1310 24.9 per ct — Nickel

July 3 24 Melts 549 - 572

1st 1348

2d 1303 24.4

July 5th 24 Melts 573 - 596

1st 1300

1280 24

July 6th 20 melts 597. 616

1st 1367 Iron & Si 55

1340 25.6 per ct

July 9th 21 Mells 637-639

1st 1380 Si 53-23

1353 25.4 pm es-

July 10 32 Mells 638. 669

1358 57-22

1330 24.6

July 11 24 Mells 670. 693

1330

1295- 24.25 additi pm c. 24.5-

July 12 12 mells 694- 705-

1355- Si 50 Sra 25-

1330. 24.8

July 13 16 Mls 706- 721

1330 75- Si & Sa

1320 24.5-

July 14th 16 melts 722-737

1320

1310 24.5

July 16 8 melts 738-745

1315

1305 24.5

July 17th 21 melts 746-766

1290 50-25-

1285 24.1

July 18 12 melts 767-778

1330

1305 est. 24.5

July 19th 16 melts 779-794

1333

1305 24.5

July 21st 24 melts 795-818

1345 2 85. 76

1295 24.3

July 24th 22 Melts 819. 840

1335

1313 24.6

July 26th 32 Melts 841- 872

1350 73

1330 24.8

July 27th 16 Melts 873. 888

1350 240. 30

1330 24.8

July 28 16 Melts 889-904

1350

1320 24.8

July 30 8 Melts 905-912

1380

1315 24.7

July 31st 27 Melts 913-939

1360 75

1335 24.9

Augst 1 28 Wells 940 - 967

1340 Sc 53 2 23

1305 24.5

Aug 2d 26 Wls 968 - 993

1325 52 - 18

1310 24.3 - 24.5

Aug 3d 28 Wells 994 - 1021

1345

1315 24.6

Aug 4 24 Wells 1022 - 1045

1310

1295 24.3

Aug 4 one cask of Sicts pleam

Chels Holmes Booth & Haden

N.1 1360 48. 23

1323 24.7

N.2 1335

1315 24.5 Rch 24.6

Aug bk 14 Wells 1046 – 1059

1370

1330 est 24.8

Aug 7th 28 Wks 1060 – 1087

1355-

1335- 24.8

Aug 8 28 Wks 1088 – 1115-

1350

1325- 24.7

8 Boxes of Nickel from Fleitman & Wiles

2632 48.26 74

2566 98 hrs

Aug 10 one cask of Plaster

1360 No. 3 from Holmes

1330 24.8

Aug 9th 28 Melts 1116 – 1143

1360

1328 24.3/4

Aug 10th 28 Melts 1144 – 1171

1360

1330 24.8

Aug 10 2 casks of Planchets

Nº 4.5 from Holmes Booth & Co

1355 4 65 25

1330 24.9

Aug 11 27 Melts 1172 – 1198

1350 65

1320 24.7

Aug 13th 14 Melts 1199 – 1212

1355

1310 24.4 by 24.5

Aug 13th one cask of Planchets
for the 5ct coin Holmes Boult &
Hayden No. 6

1350

1320 24.7

Aug 15th 4 boxes of Nickel from
Evans & Osken Silver 22

2565- 68-28

2502 94.7

Aug 14th 12 Wells 1213-1224

1360 54.20

1325 24.7

Aug 15 12 Wells 1225-1236

1358-

1327 24.8

Aug 16 12 Wells 1237-1248

1370

1325 24.7

Aug 16 one cask of Planchets for the Set com Holmes &c. N° 7

1335 47.

1300 24.3

Aug 17th 16 wells 1249-1264

1330 48.

1305 24.3

Aug 18th 16 wells 1265-1280

1305

1280 23.8 24

Aug 20th 8 wells 1281-1288

1360 75 Lost

1328 24.7

Aug 21st 16 wells 1289-1304

1370

1315 24.1 24.3

Aug 21st one cask of Planchets from Holmes &c N° 8

Aug 22 on cast of Planch
ets for the 5 ct coin Holmes &
No 9 Alloy No 8-9 1360 1335-24.6 59-26
Aug 22° 12 Melts 1305-1316
1330 58
1280 23.8 - 24
Aug 23 16 Melts 1317-1352
1355 58
1329 24.3
12 Boxes of Nickel from
Fleitman & Co
2660 68-36
2600 98.2
Aug 24th 12 Melts 1333-1344
1344 58
1316 24.1
Aug 27 8 Melts 1345. 1360
1342 1340 see next page

Aug 27- 2 casks of Planchets
for the 5ct coin Holmes &c
N° 10-11 1330 52.25
1292 23.9 24.1
Aug 28th 11 melts 1370- 1385-
1360-1325 24.4 48.32
☆ Aug 25th 11 melts 1345- 1360
1360
1310 24.1 24.2
Aug 27. 9 Melts 1361- 1369
1340
1310 24.1
Aug 29th 4 Melts 1386. 1389
1325
1295 23.8 day 24
Aug 29 two casks of Planchets
from Holmes & Co N°12-13
1295 1270 45-22
23.8

Aug 30th 42 Melts 1390-1401.

1360 40-25

1308 24.1 24.3

Aug 30th 2 casks of plan
chets Nos 14-15 from Holmes

1320 48- 23

1280 23.8

Aug 31st 16 melts 1402-1417

1370 40- 25

1335 24-5

Sept 1st 16 Melts 1418 1433

1365 42.25

1330 24.8-

Sept 4 15 Melts 1434- 1448

1350 44-24

1302 24.3 - 24.4

Sept 5 15 Melts 1449- 1463

1340- 1302 24.4 40

Sept. 6 13 Melts 1464 – 1476

1340 40 25

XX 3 1299 — 24.1 – 24.3

Sept. 7 12 Melts 1477 – 1488

1353 45

1299 24.1 24.3

Sept. 8th 16 melts 1489 – 1504

1335 43 25

1290 24.. 2

Sept. 10th 8 melts 1505 – 1512

1330 70

1297 24.2

Sept. 11 16 melts 1513 – 1528

1365 70

1343 25

Sept. 12 14 Melts 1529 – 1542

1365 70

1305 24.3

Sept: 12 2 casks of Planchets
from Nos 16-17 from Holmes

1330 70

12.87½ 24

Sept: 13 15 melts 1543-1557

1375 70

1333 24.8

Sept: 14th 14 Melts 1558-1571

1375 70

1335 24.9

Sept: 15 16 melts 1572-1587

1378 70

1338 25

Sept: 17 7 melts 1588-1594

1365 70

1320 24.9

Sept. 18th 12 melts 1595-1606

1380 70

1340 25

Sept 19 15 Melts 1607-1621

1385 70

1340 25.1

Sept. 20 15 Melts 1622-1636

1320

1290 24. Dry 24.2

Sept. 20 4 casks of Planchets from Holmes Nos 18.19.20.21

1345 Li & Dan 70

1318 24.6

Sept. 21 16 melts 1637-1652

1365 45= 25

1305 24.3

Sept 22 16 Melts 1653-1668

1320 43 - 25

1287 23.94

Sept. 25th 22 Melts 1689-1690

1330

1302 24.2 - 24.3

Sept. 26 - 10 Melts 1691-1700

1320

1270 23.6 - 23.8

Sept. 27 15 Melts 1701-1715

1340

1320 24.6

Sept. 28 2 casks one box of Planchets for the 5ct coin from Holmes & Co Nos. 22-23-24

1365 44.30

{312 \ 24.6 24.5

9

1321

Sept. 29 18 melts 1716-1733

1320

1278 23.9

9

Oct. 2 23 melts 1734 1756

1360 45

1313 24.6

October 3 22 melts 1757 - 1778

~~1322~~ 1330

~~1282~~ 1315 24.6

Oct. 4th 23 Melts 1779 - 1801

1335

1312 24.5

Oct. 5 24 melts 1802 - 1825

1330

1304 24.4

Oct. 6 24 Mts 1826 - 1849

1355

1308 24.4

Oct. 8 16 melts 1850 - 1865

1320

1275 24 40

Oct. 10th 24 Hhds 1866 - 1889

1328

1300 24.3

Oct. 12 16 melts 1890 1905

1326

1290 24

Oct. 13th 24 Melts 1906 1929

1325

1303 24.4

Oct. 16 24 melts 1930 1953

1450 fused Potash 110. 28

1395 24.9 24.3

Oct. 16 2 casks of 5 cl. planchets

[redacted] Holmes & No 25. 26

1335 26.41

1304 24.5

Oct. 18 19 Melts 1954 - 1972

1458 110-28

1398 25 24.2 fused Pl

Oct. 18th 3 casks of 5 cts planchets
from Holmes & Co Nos. 27. 28. 29

1355

1345/10 24.7

Oct 20th 20 Mells 1973 - 1992

1480 from Post 157 L 28 L

1425 24.6 Report 24

Oct. 22 2 casks of 5 cent plan
chets from Holmes & Co 30 31

1345 40-28

1335/10 25

Oct. 23 - 18 Mells 6/12 1993-2010

1525 177- 28

1455 24.9. Rep 24

Oct 24 3 casks of 5 cts plan
chets from Holmes 32. 33. 34

1345 45. 28

1335 25

Oct. 24th 15 melts 2011 - 2025

1490 110 28

1440 25. 24.4

Oct. 25 18 Melts 2026 - 2043

1520 135

1405 24.6 24 -

Oct. 26 18 Mts 2044 - 2061

1440 110

1365 24.4 23.8

Oct 29 12 Melts 2062 - 2073

1430

1385 24.8 24 -

Oct 29 3 casks of 3 ct planch
ets Nos 1-2-3 A.B No 38. 5 ct
planchets

1340

1308 24.5

Melan & Rubin grams 26.8
2.0 dram

Oct. 26 3 cask of 5.ct plan
chels from Holmes N. 35-36.37
1400 45.
1345 25
Oct. 29 3 casks of 5 ct planchets
N. 39-40-XX
5 { 1695
1647 24.9
Nov. 1 12 Melts of ingots
Nos 2074 – 2085 1450 first
24 Refd. 1400
Two Melts of ingots from
Sample of Nickel . . .
1705 1270
1705 1240 23.1
Nov 2d 3 casks of 5 cts planchets
Nos 41-42.43
1390 1345 25 in ct

4 Boxes (Haydock) Nos

2515

2475 94

59 Silex 24

33

83

8 Boxes (P. W) Evans & Askew

Nos 1. 2 3. 4. 5 6. 7. 8 Silex 34

2525

2480 lbs 95.0

20.43

Nov. 3 / 19 lbs 2086 – 2106

1415

1380

Nov 6 6 melts 2105 - 2110

" 24 " 2123 - 2146

1295

1273 23.8

Nov 7 36 Melts 2147 - 2182

1360

1278/10 23.9

Nov 8th 36 melts 2183 - 2218

1340 47 28

1325 24.8

Nov 9 35 Melts 2219 - 2253

1340

1310 24.4

Nov 11 34 Melts 2254 - 2288

1335

1307 24.8

Nov. 12 12 Mts 2288 - 2299

1400 1360 24.8 90

1330 1215 24.3

Nov 6 3 casks of 5 ct plan
Nos 44 45. 46 95. 25
1425
1400 24.9
Nov. 6 12 Melts 2101 - 2122
1280
1245. 23.3
Nov. 10 5 casks of planch
from Holmes 47. 48 - 49 - 50 - 51
1340
1304 24.4
Nov. 14 26 Melts 2300 - 2325
1460 100
1390
3 casks of 5 ct planchets
Nos 52. 53. 54
1400 7. pc 100
1370 24.4

Nov 15 24 melts 2324 - 2349

1330 40

1298 24.3 24.3

Nov 15 24 melts 2350 - 2373

1450 7 p 105

1385 25.1 24.5

Nov 16 28 melts 2374 - 2401

1405 7 p

1355 24.6 24.2

Nov 19 28 melts 2402 - 2429

1400 7 p

1365 24.8 24.3

Nov 20 38 melts 2430 - 2467

1450 125

1400 24.5

Nov 21 - 26 melts 2468 - 2493

1400

1385 24.8

4 Boxes of Nickel from
J. Wharton Nov 15th

2 Gr. ~~2000~~ 2540 55

" ~~2015~~ 2593 72.

97.3

1 Box of Nickel J. W.

2100 53. 43

2073 77.3

2 Boxes of Nickel J. W

2085 " 35 "

2038 76.3

Nov 21st 6 casks of Plaster

Nos 85 — 90

1420 115

1375 - 24.8 - 24.3

Nov. 22° 26 melts 2494 - 2519

1450 125 -

1415 24.4 — 24.9

Nov. 23° 25 Melts 2520 - 2544

1430

1375 24.8 — 24.3

Nov. 24 34 2545 - 2578

1390

1378 24.8 — 24.3

Assay of 6 casks of planch

Nos 61 - 66 11 5 -

1400

1375 24.8 24.3

Nov. 24 8 boxes of Nickel

from J. C Charton

2 gr. 2070 Si 77.36 Iron

2040 76.2 75.75

Nov. 27th 23 Melts of 2579-2601

1430

1375 24.8 24.3

Nov 28 23 Melts 2602-2624

~~1428~~ 1375 115

~~1428~~ 1325 ~~24.8~~ ~~1424~~ 00
10 1360

Nov. 30. 20 Melts 2625-2644

1420

1400 24.8

Dec. 1st 22 Melts 2645-2666

1420

1395 24.7

Dec. 3. 12 Melts 2667-2678

1418

1375 24.3

Dec. 1st 1 cask & 2 boxes
of Bet plan. chels from Holmes

1435-1405 25.3 24.8 98-28

Dec. 1st 8 boxes of nickel from Joseph Oberton

2130 95.47

2060 75.2

Dec. 4 22 Melts 2679-2700

1435-

1405 25.3 24.8

Dec. 5 20 Mts 2701-2720

1460 1043-49

1420 25.2 24.7

Dec. 6th 23 Mts 2721-2743

1450

1390 25- 24.5

Dec. 7th 28 melts 2744-2771

1460 85.40

1413 25.3 24.8

Dec. 8 24 melts 2772-2795

1385

1345 24.2 — 23.8

Assay of 8 Boxes of Nickel
from Jos Wharton Dec. 8

2060 93.28

2000 744

Furnace Grains from bronze
5 grs ... 60 tin 9/10 . 85

488 Nickel Det 8.3 Inch.

Furnace grains from
Nickel melting

4 Grs 860 120 Iron 75 P.

815- 12.2 Iron 2.1 Inch

Dec 10 14 Wells 2784-2809

1410 90.25

1390 25- 24.5

Dec 11th 24 Melts 2810 - 2833

1450 125 107.25

1410 25.2 24.7

Dec 12 28 mts 2834 - 2861

1425 74 - 38

1398 25.3 24.8

Dec 13 26 melts 2862 - 2887

1410 65 - 38

1400 25.5 25

8 boxes of Nickel from Jos Wharton

2065 75.55

2020 74.3 Run 1¾

Dec 14 23 Melts 2888 - 2916

1385 53 - 28

1335 24.7 24.2

Dec 16 27 Melts 2911 - 2937

1400 24.8 70 38

1370 24.3

Dec. 17 14 Mells 2938–2951

1385 = 1347 24.6 – 24.1 bo.

Dec. 18 28 Mells 2952 – 2979

1425 bs. 44

1405 25.4 – 24.9

Dec. 19th 28 Mells – 2980 – 3007

1420

1390 24.6

Dec. 20 25 Mells 3008 – 3032

1420 bs.

1385 25 24.5

1395

1385 24.8 24.3

Dec. 21st 23 Mells 3033 – 3055

Dec. 24 14 Mells [illegible] – [illegible]

3078 – 3091

1419 63

1385 25.2 24.7

Ded. 24th. 5 boxes of Nickel from Jos Wharton

2055 48. 43

1987. 74.4 Iron 1.5

3092-3110

Ded. 26 19 Wells 3XXX-3XXX

1410 75

1395 25.2 24.7 3111 3138

Ded. 27 - 27 Wells 3XXX-3XXX

1410 75-40

1396 25.1 24.4

Ded 28 27 Wells 3138-3164

1430 75.40

1395 25.5 24.9

Ded. 29. 15 Wells 3165-3179

1400

1400 25.4 25

Ded. 22. 20 Wells 3054-3075

Assay lost 24.5 Robt 24.7

3180-3187 1400-1395 25.2

Dec. 28 5 casks of
Nickel from J. I Wharton

2005 Lu 44 - 48.92

1885 70.94 .27

2025 56 42 98

1895 71.00 .1

Jany 1st 5 casks of Nickel
from J I Wharton

1910 Lu 48.57

1892 70.80

2005

1892

Nickel Ingots Jany 1867

No 1 - 20 80 28

1420

1385 25.1 24.6

21 to 21 = 42 Jany

1375 50.28

1370 25.4 24.9

23 Melts 43 - 65 Jany 16

1410 63.32 95

1390 25 24.5

2 casks of Nickel by Jos Wharton

1950 53-37

1890 91.2

10

Jany 11 24 melts 66.89

1380 58.32

90

1340

24.6 24.1

Sam 12 23 Melts 90. 112

1405 90 est

1370 25.2 247

Sam 14 12 Melts 113. 124

1405 62. 33

1375 25.2 247

Sam. 15 24 Melts 125- 148

1350 .42 97

1365 25. 245

Sam 16 28 Melts 149- 176

1400

1365 25. 245

Sam. 17 28 Melts 177- 204

1365 49- 28

1350 25- 245

15 casks of Nichols N° 15-19

1955 51-38. 89

1905 76 4/5

5 casks of Nickel No. 20: 24
from Jos Wharton

~~XX~~ 1915 61-35

~~XX~~ 1885 70.6 59-30

Jany 18 26 Melts 205- 230

1350 55-34 89

1340 24.6 24-2

Jany 19 27 Melts 231- 257

1370 65- 35

1355 24.9 - 24.4

Jany 21st 14 Melts 258- 271

1384 65.35

1373 25: 24.5

2 casks 5 boxes of Nickel
from Joseph Wharton

1930 Nos 25-31 97- 60

1875 70.

Pan 22 27 Wells 272-298

1380

1368 25 - 24.5

Pan 23. 27 Wells 299-325

1380 50 - 30

1360 25 24.5

Pan 24 32 Wells 326-357

1345 58.35

1340 24.6 24.2

Pan 25. 28 Wells 358-388

1390 58.35

1373 25. 24.7

Pan 25 assay of 4 casks of Nickel Nos 32-35 from Jos Wharton

1895 32.48

1880 40-

Pan 26 27 Wells 388-412

1385 58.35

1365 25 - 24.6

Jany 28. 14 Mills 413-426

1385 55.35

1380 24.9 24.4

Jany 28. 5 casks of Nickel

Nos 36-40 from Jos L Wharton

1980 35-47

1968 70.7

Jany 31 4 casks of Nickel

Nos 41. 43. from J. L Wharton

1915 64.34.

1880 70.3

Feby 4th 4 casks of Nickel

Nos 44-45-46-47 from J L Wharton

1915 41-42

1887 70.2

Feb 5th 25 Melts 427 - 451

1340 50, 35

1345 24.8 24.3

Feb 6th 20 Melts 452 - 471

1375 ~~1352.35~~

1345 24.8 24.31

Feb 7 22 Melts 472 - 493

1340 too large say 24.3

1320 24.3

8th 19 Melts 94 512

1340

1320 24.3

9 16 Melts 513 - 528

1350

1335 24.6 24.2

11 11 Melts 529 539

1370 52

1350

Feb 12 19 Melts 540 – 558

1418

1350

Feby 13 – 23 Melts 559 – 581

1365 552

1345

Feb 14 27 Melts 582 – 608

1360

1339

Feb 15 28 melts 609 – 636

1305

1315 24.2 23.8

Feb 16 20 637 – 656

1315

1325

Feb. 18 13 657 – 669

1341

1329

Feb 19 - 35 Wells 670 - 704

1390 - 1360

Feb 20 35 Wells 705 - 736

1390

1350

Feb 21 35 Wells 737 - 771

1320

1310 24.2

Feb 23 33 Wells 772 - 804

1320

1315 24.3 24.0

Feb 25 21 Wells 805 - 825

1345

1332 24.6

Feb 26 35 Wells 826 - 860

1340

1335

Feb 27 34 Wells 861 - 894

1345

1340

4 Casks of Nickel from
J. L Wharton Nos 48–51
1940 50.35
1857 49.7
2 casks of Nickel J. L W
Nos 52–53 38.42
1980
1971 74.3
8 casks of Nickel J. L
Nos 54–61 52.56
1990 1990
1957 7.3.47

8 casks of Nickel
from Nos 62-69 from
J. L Wharton
2020 2030 45–45
1995 1985 74.75

Oct. 26 Two casks of
2 ct pt. N°. 3.4 Tin 210

3.2

Oct. 29 1 cask of 2 ct-pl
2 " " "
N°s 5.6-7 218 ~~3.3~~
Tin 3.3

Oct. 30 1 cask of one cent-
planchet N°. 7-8-9
Tin 218 3.3
6 grms Zinc 1.6

Oct. 30 Bronze ingots

1780 — 1897 - ingots

Tin 223 3.4

Oct. 31st 1898 — 1957 ingots

10 Gms 400. 3 2/10

5gr Zinc 1585 - 1957 1.6

Nov 7- 3 casks of 1 ct planchets

Nos 10-11-12

1 cask. two cent pl. 8 } Tin 218 3.3

Nov. 10th 5 casks of 2 ct planchets

Nos 9.10-11-12.13 Tin 213 3.3

Zinc 1.6

Dec 1st one cask of 1 ct pl

No 13 213- 3.3

Bronze ingots 1224 – 1274

Tin 215 3 3/10

Sept. 3 from 1275 1341

Tin 213 3 2/10

Zinc 1224 – 1341 128

15

110 1.75

Sept. 10 1342 – 1397

Tin 215 3 3/10

Zinc 125 – 1,75

Sept. 17 Bronze ingots

N° 1398 – 1461 Tin 220 3.36

Zinc 137 8/10 – 1.4

Sept. 24 1462 – 1524

Tin 221 3.36

Zinc 105 1.48

Oct. 1st 1525 – 1584

Tin 218 3 3/10

Zinc 125 1.75

Oct. 4th 1585 — 1696

Tin 215 3.3/10

Zinc 1.6

Cent planchets from Holmes &

N°. 1 Oct. 18

3 & 4 20

Tin 215 3.3

Zinc 115 1.6

Oct. 22 Bronze ingots — 2

5.1

N°. 1696 — 1779

Tin 225 3.4/10

1.6

Oct. 25 Cent Planchets from Holmes

N°. 5.6.7th

Two Cent Pl. N°. 1-2 } Tin 210 3.2/10

Zinc 142 1.6

Oct. 27 2 cents of 2 lbs

planchets N°. 3 & 4 } Tin 240

J. leitmann

ox of cab 902
46
856
42.8

sides 45

34.2 hours

ox of cab 1700
107
1593
79.6

143
125
1288

63.5 hours

1288

2.4